

# FRAME FOR LIFTING BEAM AND OTHER ELONGATED LOADS

## ABSTRACT OF THE DISCLOSURE

A lift frame adapted to be pivotally mounted on  
5 a hoist include a tubular sleeve guide that guides a  
lift slide. The lift slide carries a lift frame for  
supporting a load such as a beam or truss to be  
lifted, and is spring loaded in an upward direction  
by a spring extending between a slider tube and the  
10 lift frame. The spring keeps the bracket seated on  
the load for a limited distance along the lift path.  
The lift slide has a stop that limits the amount of  
downward movement of the lift slide relative to the  
guide as the load is lifted. Specifically, a pair of  
15 frames are mounted at opposite ends of a spreader bar  
for lifting an elongated beam. A bracket on each  
lift slide engages one end of the beam and supports  
it under spring load for a selected amount of  
vertical travel, and thereafter the beam or load is  
20 directly lifted mechanically by having the stop on  
the lift slide engaging the sleeve guide.